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IN THE CLAIMS:

Please cancel claims 25-52, without prejudice.

Please amend claims 53-64 as shown:

53. (Currently amended) An electronic thermometer comprising:

a temperature sensor;

an electronic circuit coupled to the temperature sensor to process temperature data measured by the temperature sensor;

a display element coupled to the electronic circuit to display a temperature corresponding to the temperature data measured by the temperature sensor;

[an integral] a unitary housing enclosing the electronic circuit and display element, and formed of a single piece of transparent material, the housing having

an inner surface and an outer surface,

a [first surface] viewing area disposed proximate the display element, and with a first surface [roughness] treatment on at least one of the inner and outer surface, wherein the first surface [roughness is low enough to render] treatment allows the display element to be visible through the housing, and

a [second surface area with] substantially nontransparent area surrounding the viewing area and having a second surface treatment [roughness] on at least one of the inner and outer surface, wherein the second surface treatment [roughness is greater than the first surface roughness and high enough to allow only diffuse light to shine] scatters

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light diffusely through the housing and [thereby render] causes the electronic circuit to be less visible than the display element through the housing; and

a metal tip attached to [a tapered] an end of the housing and enclosing the temperature sensor.

54. (Currently amended) The electronic thermometer of claim [29] 53 wherein the [second surface] substantially nontransparent area is produced by etching a first portion of an injection molding die used in an injection molding system utilized to form the housing, prior to injection of the transparent material in the die.

55. (Currently amended) The electronic thermometer of claim [30] 54 wherein the [first surface] viewing area is produced by leaving a second portion of the injection molding die in an un-etched state, prior to injection of the transparent material in the die.

56. (Currently amended) The electronic thermometer of claim [30] 54 wherein the first portion of the injection molding die is produced by mechanical etching of [the] an injection molding die surface.

57. (Currently amended) The electronic thermometer of claim [30] 54 wherein the first portion of the injection molding die is produced by chemical etching of the injection molding die surface.

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58. (Currently amended) The electronic thermometer of claim [29] 53 wherein the [first surface] viewing area is produced by polishing a sub-portion of the [second surface] substantially nontransparent area [to reduce the second surface roughness to the first surface roughness of the first surface area].

59. (Currently amended) The electronic thermometer of claim [29] 53 further comprising a battery welded into the housing to provide power to the electronic circuit and display element.

60. (Currently amended) The electronic thermometer of claim [29] 53 wherein the [first surface] viewing area and display element are substantially congruent.

61. (Currently amended) The electronic thermometer of claim [36] 59, further comprising a battery cover [part, wherein the housing and the cover part are each produced in one piece from a transparent plastic material.] welded to the housing.

62. (Currently amended) The electronic thermometer of claim [36] 60, wherein the display element includes an LCD display.

63. (Currently amended) The electronic thermometer of claim [38] 62 further comprising a switch coupled to the battery and the electronic circuit.

64. (Currently amended) The electronic thermometer of claim [29] 53, wherein the main part and the cover part are made from polycarbonate.